



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB

VADAKARA, KOZHIKODE

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(NABL Recognised Block Level Government Drinking Water Testing Laboratory)

Certificate No : NABL-DWT-00991

TEST REPORT

Report No – KWA/V/0309/25

Date of issue: 10/02/2025

Customer Name & Address	1.Date of Receipt	: 06/02/2025
SIRAJULHUDA ENGLISH MEDIUM SCHOOL PULIYANAMBRAM PERINGATHUR	2.Sampling done by	:PARTY
	3.Sample code	: 0309/25
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: OPEN WELL WATER
	6.Sample quantity	: 1 LTR
	7.Test performing dates	: 06/02/2025 to 10/02/2025

	Characteristics	Unit	Test Method	Acceptable limits as per IS 10820-2012	Result
1	Colour	Pt Co. unit	IS 8028 (part 8)-2021 (PLATINUM COBALT VISUAL COMPARISON METHOD)	5	<5.0
2	Odour		IS 8028 (part 8)-2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 8028 (part 10)-1988 (NEPHLOMETRIC METHOD)	1	<0.5
4	pH at 25 °C		IS 8028 (PART 11)-2022	6.5 to 8.5	5.83
5	Total Alkalinity (as CaCO ₃)	(mg/L)	IS 8028 (PART 28)-1988 (INDICATOR METHOD)	200	10.0
6	Total Dissolved Solids (TDS)	(mg/L)	IS 8028 (part 18)-1988 (GRAVIMETRIC METHOD)	500	68.0
7	Total Hardness (as CaCO ₃)	(mg/L)	IS 8028 (part 21)-2009 (EDTA METHOD)	200	34.0
8	Calcium (as Ca)	(mg/L)	IS 8028 (part 80)-1991 (EDTA METHOD)	75	10.42
9	Magnesium (as Mg)	(mg/L)	IS 8028 (part 88)-1998 (TITRATION METHOD)	30	<5.0
10	Chloride (as Cl)	(mg/L)	IS 8028 (part 82)-1988 (ARGENTOMETRIC METHOD)	250	10.0

Remark: - The results reported relate only to the sample received and tested. This test report shall not be reproduced except in full without the written approval of the laboratory



Authorized By: Deputy Quality Manager

DEPUTY QUALITY MANAGER
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	3.Sample code	: 0309/25
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: OPEN WELL WATER
	6.Sample quantity	: 1 LTR
	7.Test performing dates	: 06/02/2025 to 10/02/2025

	Characteristics	Unit	Test Method	Acceptable limits as per IS 10820-2012	Result
1	Electrical conductivity at 25°C	(micro mhos/cm)	IS 8028 (part 18)-2018 (Reaffirmed 2019)	-	100.0
2	Sulphate (as SO ₄)	(mg/L)	IS 8028 (PART 28)-1988 (Reaffirmed 2019)	200	2.6
3	Phosphate [as PO ₄]	(mg/L)	IS 8028 (PART 81)-2008 (Reaffirmed 2019)	-	BDL
4	Iron (as Fe)	(mg/L)	IS 8028 (part 88)-2008 (Reaffirmed 2018)	1.0	0.1
5	Nitrate (as NO ₃)	(mg/L)	APHA8800NO8-B 28rd Edition	45	2.0
6	Ammonia	(mg/L)	IS 8028 (part 88)-2008 (Reaffirmed 2019)	0.5	BDL
7	Fluoride (as F)	(mg/L)	APHA 4500F-D 23rd Edition	1.0	BDL
8	Residual Chlorine	(mg/L)	IS 3025 (part 26)-1986 (Reaffirmed 2019)	0.2	BDL

*BDL: BELOW DETECTION LEVEL

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End of Report





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SIRAJULHUDA ENGLISH MEDIUM SCHOOL PULIYANAMBRAM PERINGATHUR	2.Sampling done by	: PARTY
	3.Sample code	: 0309/25
	4.Sample condition	: FIT FOR ANALYSIS
	5.Source of sample	: OPEN WELL WATER
	6.Sample quantity	: 100 ML
	7.Test performing dates	: 06/02/2025 to 10/02/2025

Sl. No	Characteristics	Unit	Test Method	Acceptable limits as per IS 10820-2012	Result
1	Coliforms	CFU/100 ml	IS1808 8(part1) 2002 reaffirmed2018	Shall not be detectable in any 100ml sample	NIL
2	E coli	CFU/100 ml	IS1808 8(part1) 2002 reaffirmed2018	Shall not be detectable in any 100ml sample	NIL

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End of Report

